

WHAT IS CLAIMED IS:

1. A system comprising:

5 a server configured to store documents in one or more server formats, wherein the documents are available to one or more devices via a network, wherein the server is configured to generate a small device document in a small device format from a document in a server format, wherein, to generate a small device document in a small device format from a document in a server format, the server is further configured to exclude one or more formats for content of the document in the server format from the small device document; and

10 wherein the server is further configured to provide the small device document to a small device coupled to the server;

15 the small device, wherein the small device is configured to:

20 modify the small device document to produce a modified version of the small device document; and

provide the modified version of the small device document to the server;

25 wherein the server is further configured to generate a modified version of the document in the server format from the modified version of the small device document, wherein, to generate a modified version of the document in the server format from the modified version of the small device document, the server is further configured to restore the one or more formats for content of the document in the server format excluded from the small device document.

30

2. The system as recited in claim 1, wherein the document in the server format is an office productivity document.

5 3. The system as recited in claim 1, wherein, to restore the one or more formats for content of the document in the server format excluded from the small device document, the server is further configured to:

10 compare modified content of the modified version of the small device document to corresponding content of the document in the server format to determine one or more formats for the modified content of the modified version of the small device document to be merged with the document in the server format; and

15 merge the modified content of the modified version of the small device document into the document in the server format in accordance with the determined one or more formats for the modified content.

20 4. The system as recited in claim 1, wherein, to generate a modified version of the document in the server format from the modified version of the small device document, the server is further configured to:

25 determine differences between the modified version of the small device document and the document in the server format, wherein each determined difference indicates changed content of the modified version of the small device document; and

30 for each of the determined differences, merge corresponding changed content of the modified version of the small device document with the document in the server format.

5. The system as recited in claim 4, wherein, to determine differences between the modified version of the small device document and the document in the server format, the server is further configured to:

5

generate a modified version of the small device document in the server format from the modified version of the small device document in the small device format; and

10

compare the modified version of the small device document in the server format to the document in the server format.

6. The system as recited in claim 1, wherein, to generate a modified version of the document in the server format from the modified version of the small device document, the server is further configured to:

15

generate a modified document in an interim format from the modified version of the small device document;

20

generate a document in the interim format from the document in the server format;

determine one or more differences between the modified document in the interim format and the document in the interim format;

25

for each of the determined differences, merge corresponding changed content of the modified document in the interim format with the document in the interim format; and

generate the modified version of the document in the server format from the document in the interim format.

7. The system as recited in claim 1, wherein the server is further configured to
5 resolve differences between the modified version of the document in the server format and another modified version of the document in the server format to generate a synchronized version of the document in the server format.

8. The system as recited in claim 7, wherein, to resolve differences between the
10 modified version of the document in the server format and another modified version of the document in the server format, the server is further configured to:

display the differences between the modified version of the document and the
other modified version of the document; and
15

for each difference, accept user input specifying which version is to be used in the
synchronized version of the document.

9. The system as recited in claim 7, wherein the server comprises a set of policies
20 configured for use in resolving differences between versions of documents in the server format, wherein, to resolve differences between the modified version of the document in the server format and another modified version of the document in the server format, the server is further configured to, for each difference:

25 determine one of the policies corresponding to the difference; and

apply the determined policy to the difference to determine which version is to be
used in the synchronized version of the document.

30

10. A server comprising:

a processor;

5 a memory operable to store program instructions, wherein the program instructions are executable by the processor to generate a small device document in a format supported by a small device from a document in a format supported by the server;

10 wherein, to generate a small device document in a format supported by the small device from a document in a format supported by the server, the program instructions are further executable by the processor to exclude one or more formats for content of the document in the format supported by the server from the small device document;

15 wherein the program instructions are further executable by the processor to generate a version of the document in the format supported by the server from a version of the small device document in the format supported by the small device; and

20 wherein, to generate a version of the document in the format supported by the server from a version of the small device document in the format supported by the small device, the program instructions are further executable by the processor to restore the one or more formats for content of the document in the format supported by the server excluded from the
25 small device document.

11. The server as recited in claim 10, wherein the document in the format supported by the server is an office productivity document.

30

12. The server as recited in claim 10, wherein, to restore the one or more formats for content of the document in the format supported by the server excluded from the small device document, the program instructions are further executable by the processor to:

5 compare content of the version of the small device document to corresponding content of the document in the format supported by the server to determine one or more formats for the content of the version of the small device document to be merged with the document in the format supported by the server; and

10

merge the content of the modified version of the small device document into the document in the format supported by the server in accordance with the determined one or more formats for the content.

15

13. The server as recited in claim 10, wherein, to generate a version of the document in the format supported by the server from the version of the small device document, the program instructions are further executable by the processor to:

20

determine differences between the version of the small device document and the document in the format supported by the server, wherein each determined difference indicates changed content of the modified version of the small device document; and

25

for each of the determined differences, merge corresponding changed content of the modified version of the small device document with the document in the format supported by the server.

30

14. The server as recited in claim 13, wherein, to determine differences between the version of the small device document and the document in the format supported by the server, the program instructions are further executable by the processor to:

generate a modified document in the format supported by the server from the version of the small device document; and

5 compare the modified document in the format supported by the server to the document in the format supported by the server.

15. The server as recited in claim 10, wherein, to generate a version of the document in the format supported by the server from the version of the small device document, the
10 program instructions are further executable by the processor to:

generate a modified document in an interim format from the version of the small device document;

15 generate a document in the interim format from the document in the format supported by the server;

determine one or more differences between the modified document in the interim format and the document in the interim format;

20 for each of the determined differences, merge corresponding changed content of the modified document in the interim format with the document in the interim format; and

25 generate the version of the document in the format supported by the server from the document in the interim format.

16. The server as recited in claim 10, wherein the program instructions are further executable by the processor to resolve differences between the version of the document in
30 the format supported by the server and another version of the document in the format

supported by the server to generate a synchronized version of the document in the format supported by the server.

17. The server as recited in claim 16, wherein, to resolve differences between the version of the document in the format supported by the server and another version of the document in the format supported by the server, the program instructions are further executable by the processor to:

display the differences between the version of the document and the other version of the document; and

for each difference, accept user input specifying which version is to be used in the synchronized version of the document.

18. The server as recited in claim 16, wherein the server comprises a set of policies configured for use in resolving differences between versions of documents in the format supported by the server, wherein, to resolve differences between the version of the document in the format supported by the server and another version of the document in the format supported by the server, the program instructions are further executable by the processor to, for each difference:

determine one of the policies corresponding to the difference; and

apply the determined policy to the difference to determine which version is to be used in the synchronized version of the document.

19. A method comprising:

generating a small device document in a small device format from a document in
an office format;

5 wherein said generating a small device document in a small device format from a
document in the office format comprises excluding one or more formats
for content of the document in the office format from the small device
document;

10 generating a modified version of the small device document in the small device
format;

generating a modified version of the document in the office format from the
modified version of the small device document; and

15 wherein said generating a modified version of the document in the office format
from the modified version of the small device document comprises
restoring the one or more formats for content of the document in the office
format excluded from the small device document.

20 20. The method as recited in claim 19, wherein said restoring the one or more formats
for content of the document in the office format excluded from the small device
document comprises:

25 comparing content of the modified version of the small device document to
corresponding content of the document in the office format to determine
one or more formats for the content of the modified version of the small
device document to be merged with the document in the office format; and

merging the content of the modified version of the small device document into the document in the office format in accordance with the determined one or more formats for the content.

5 21. The method as recited in claim 19, wherein said generating a modified version of the document in the office format from the modified version of the small device document comprises:

10 determining differences between the modified version of the small device document and the document in the office format, wherein each determined difference indicates changed content of the modified version of the small device document; and

15 for each of the determined differences, merging corresponding changed content of the modified version of the small device document with the document in the office format.

20 22. The method as recited in claim 21, wherein said determining differences between the modified version of the small device document and the document in the office format comprises:

25 generating a modified version of the small device document in the office format from the modified version of the small device document; and
 comparing the modified version of the small device document in the office format to the document in the office format.

30 23. The method as recited in claim 19, wherein said generating a modified version of the document in the office format from the modified version of the small device document comprises:

generating a modified document in an interim format from the version of the small device document;

5 generating a document in the interim format from the document in the office format;

determining one or more differences between the modified document in the interim format and the document in the interim format;

10

for each of the determined differences, merging corresponding changed content of the modified document in the interim format with the document in the interim format; and

15 generating the modified version of the document in the office format from the document in the interim format.

24. The method as recited in claim 19, further comprising resolving differences between the modified version of the document in the office format and another modified
20 version of the document in the office format to generate a synchronized version of the document in the office format.

25. The method as recited in claim 24, wherein said resolving differences between the modified version of the document in the office format and another modified version of
25 the document in the office format comprises:

displaying the differences between the modified version of the document and the other modified version of the document; and

for each difference, accepting user input specifying which version to be used in
the synchronized version of the document.

26. The method as recited in claim 24, wherein said resolving differences between the
5 modified version of the document in the office format and another modified version of
the document in the office format comprises, for each difference:

determining one of a set of policies corresponding to the difference, wherein the
set of policies is configured for use in resolving differences between
10 versions of documents in the office format; and

applying the determined policy to the difference to determine which version is to
be used in the synchronized version of the document.

15 27. An article of manufacture comprising program instructions, wherein the program
instructions are computer-executable to implement:

generating a small device document in a small device format from a document in
20 an office format;

wherein said generating a small device document in a small device format from a
document in the office format comprises excluding one or more formats
for content of the document in the office format from the small device
25 document;

generating a modified version of the small device document in the small device
format;

generating a modified version of the document in the office format from the
modified version of the small device document; and

5 wherein said generating a modified version of the document in the office format
from the modified version of the small device document comprises
restoring the one or more formats for content of the document in the office
format excluded from the small device document.

28. The article of manufacture as recited in claim 27, wherein, in said restoring the
10 one or more formats for content of the document in the office format excluded from the
small device document, the program instructions are further computer-executable to
implement:

15 comparing content of the modified version of the small device document to
corresponding content of the document in the office format to determine
one or more formats for the content of the modified version of the small
device document to be merged with the document in the office format; and

20 merging the content of the modified version of the small device document into the
document in the office format in accordance with the determined one or
more formats for the content.

29. The article of manufacture as recited in claim 27, wherein, in said generating a
modified version of the document in the office format from the modified version of the
25 small device document, the program instructions are further computer-executable to
implement:

determining differences between the modified version of the small device
document and the document in the office format, wherein each determined

difference indicates changed content of the modified version of the small device document; and

for each of the determined differences, merging corresponding changed content of the modified version of the small device document with the document in the office format.

30. The article of manufacture as recited in claim 29, wherein, in said determining differences between the modified version of the small device document and the document in the office format, the program instructions are further computer-executable to implement:

generating a modified version of the small device document in the office format from the modified version of the small device document; and

comparing the modified version of the small device document in the office format to the document in the office format.

31. The article of manufacture as recited in claim 27, wherein, in said generating a modified version of the document in the office format from the modified version of the small device document, the program instructions are further computer-executable to implement:

generating a modified document in an interim format from the version of the small device document;

generating a document in the interim format from the document in the office format;

determining one or more differences between the modified document in the interim format and the document in the interim format;

5 for each of the determined differences, merging corresponding changed content of the modified document in the interim format with the document in the interim format; and

generating the modified version of the document in the office format from the document in the interim format.

10

32. The article of manufacture as recited in claim 27, wherein the program instructions are further computer-executable to implement resolving differences between the modified version of the document in the office format and another modified version of the document in the office format to generate a synchronized version of the document in the office format.

15

20